Approved for use through 7/31/2006 OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

| | PATE | NT APPLIC | ATION I | FEE DETER | RMINATIO | N RECORD | | Applicati O | ys a valid OMB of on or Docket Nu | _ 581 | |
|-------------------------------|---|---|--|---|------------------|-----------------------|------------------------|--------------------|-----------------------------------|------------------------|-----------------|
| | | CLAIMS AS (Colu | FILED - | | 1,5 umn 2) | SMALLE | NTITY | OR | | R THAN ENTITY | |
| FOR NUMBER FILED NUMBER EXTRA | | | | RATE | FEE | | RATE | FEE | | | |
| | C FEE FR 1.16(a)) | | | | | | \$ | OR | | s | |
| OT. | 07 CFA 1.16(e)) minus 20 = * | | | x \$= | | OR | x \$= | | | | |
| IDEPENDENT CLAIMS | | | x \$= | | OR | x \$= | | | | | |
| _ | FR 1.16(b)) | | | | | + \$ = | | OR | +s = | | |
| _ | TIPLE DEPENDENT | | | CFR 1.16(d)) | | | | OR | TOTAL | | |
| lf ti | ie difference in ∞l | umn 1 is less tha | n zero, ente | er "0" in column 2 | 2. . <i></i> | TOTAL S | | JOR | TOTAL | | |
| _ | CLAIMS AS AMENDED - PART II 1,5,67,8 | | | | | U | | | OTHE | TUAN | |
| > | 28/02 | (Column 1) | | (Column 2) | (Column 3) | SMALL | ENTITY | OR | | R THAN ENTITY | |
| AMENDMENT A | | CLAIMS REMAINING AFTER | | HIGHEST NUMBER PREVIOUSLY | PRESENT EXTRA | RATE | ADDI- TIONAL FEE | | RATE | ADDI- TIONAL FEE | |
| | Total | * * * * * * * * * * * * * | Minus | " 20 | = | x \$= | | OR | x \$= | | |
| | (37 CFR 1.16(c)) Independent | \cdot r_1 | Minus | | =) | | | OR | × \$ 84= | 84 | ļ |
| <u> </u> | (37 CFR 1.16(b)) | | <u>. </u> | | | | | 1 | | | 1 |
| ⋖ | FIRST PRESENTA | TION OF MULTIPLE | E DEPENDE | NT CLAIM (37 CF | R 1.16(d)) | + \$= TOTAL | | OR | +s= TOTAL | 0010 | 1 |
| | | | | | | ADD'L FEE | | OR | ADD'L FEE | PAID | |
| 0 | 28/02 | (Column 1) | | (Column 2) | (Column 3) | . > | | J . | | 1 | ł |
| N B | (NE) | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE | ADDI- HONAL FEE | | RATE | ADDI- TIONAL FEE | |
| Ĭ | Total (37 CFR 1.16(c)) | · & | Minus | 20 | = | x \$= | | OR | × \$= | | |
| Z | Independent (37 CFR 1.16(b)) | • 5 | Minus | *** 5 | = | x \$= | | OR | X 5 | 1545 | , _{TA} |
| AMENDMENT | | TION OF MISS TIPS | E DEPENDE | NT CLAIM (37 C | FR 1.16(d)) | +\$ = | TOC | 28068 ^R | Vu | 10.40 | 100 |
| _ | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) | | | | | TOTAL ADD'L FEE | ,,,,,, | OR | TOTAL LVVV | 4000 H51 TIUE | F-500 |
| + | 29/03 | (Column 1) | | (Column 2) | (Column 3) | ADDLIFEE | | _ ~~ _ | | | |
| ENDMENT C | | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE | ADDI- TIONAL FEE | | RATE | ADDI- TIONAL FEE | |
| | Total (37 CFR 1.16(c)) | * \$ | Minus | " 20 | =- | x \$= | | OR | X = | | 1 |
| | Independent | . 5 | Minus | | = | x \$= | | OR | x s= | | |
| AME | (37 CFR 1.16(b)) | <u>~</u> _ | | - VIT CLAIM /37.0 | ER 1 16/d\) | | | OR | + \$ = | | \downarrow |
| _ | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) | | | | | <u>+ \$=</u> TOTAL | + | OR | TOTAL ADD'L FEE | 1 | 7 ` |

*** If the "Highest Number Previously Paid For" (N THIS SPACE is less than 3, enter "5".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 7/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

| Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. PATENT APPLICATION FEE DETERMINATION RECORD Application or Docket Number | | | | | | | | | | | |
|---|---|---|--------------|---|--------------------|----------------------------------|------------------------|--------------------|----------------------------|------------------------|--|
| | PATE | 09/082581 | | | | | | | | | |
| CLAIMS AS FILED - PART I (Column 1) (Column 2) SMALL ENTITY | | | | | | | | | OTHER THAN OR SMALL ENTITY | | |
| FOR NUMBER FILED NUMBER EXT | | | | | REXTRA | RATE | FEE_ | Į | RATE | FEE | |
| BASIC FEE (37 CFR 1.16(a)) | | | | | \$ | OR | | <u>\$</u> | | | |
| | TOTAL CLAIMS (37 CFR 1.16(c)) minus 20 = • | | | | | x s= | | OR | x \$= | | |
| INDEPENDENT CLAIMS (37 CFR 1.16(b)) minus 3 = * | | | | x \$= | | OR | x \$= | | | | |
| MULT | IPLE DEPENDEN | T CLAIM PRESEN | т (37 | CFR 1.16(d)) | + \$= | | OR | + \$= | | | |
| • If th | e difference in ∞ | lumn 1 is less tha | n zero, ente | er "0" in column 2 | TOTAL | | OR | TOTAL | | | |
| CLAIMS AS AMENDED - PART II | | | | | | | | | | | |
| 1 | 0/17/03 | (Column 1) | | (Column 2) | (Column 3) | SMALL | NTITY | OR - | OTHER SMALL | | |
| N L | | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE | ADDI- LIONAL FEE | | RATE | ADDI- TIONAL FEE | |
| ME | Total (37 CFR 1.16(c)) | 8 | Minus | - 20 | ") | x \$= | | O R | x \$= | | |
| AMENDMENT | Independent (37 CFR 1.16(b)) | - 5 | Minus | | = | x \$= | | OR | x s= | | |
| AM | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) | | | | | +\$= | | OR | + \$ | | |
| | 1 1 | | | | TOTAL ADD'L FEE | | OR | TOTAL ADD'L FEE | | | |
| \ | 1/15/04 | (Column 1) | | (Column 2) | (Column 3) | | | _ | | | |
| ∌ ⊢ | | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE | ADDI- TIONAL | | RATE | ADDI- TIONAL FEE | |
| ME | Total (37 CFR 1.16(c)) | * X | Minus | 20 | = | x \$= | | - OR | x \$= | | |
| AMENDMENT | Independent (37 CFR 1.16(b)) | . 5 | Minus | " 5 | = | x \$= | | OR | X 3 | | |
| AMI | FIRST PRESENT | + \$ _ = | | OR | + \$= | | | | | | |
| | | | | | | TOTAL ADD'L FEE | | OR | TOTAL ADD'L FEE | | |
| | | (Column 1) | | (Column 2) | (Column 3) | | | _ | | | |
| NT N | | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE | ADDI- TIONAL FEE | | RATE | ADDI- TIONAL FEE | |
| AMENDMENT | Total (37 CFR 1.16(c)) | * | Minus | ** | = | x \$= | | OR | x \$= | | |
| | Independent (37 CFR 1.16(b)) | • | Minus | *** | = | x \$= | | OR | x \$= | | |
| AME | FIRST PRESENT | + \$= | | OR | + \$= | | | | | | |
| H | . INC NEGEN | TOTAL ADD'L FEE | | OR | TOTAL ADD'L FEE | | | | | | |
| If the entry in column 1 is less than the entry in column 2, write "0" in column 3. If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20". If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3". If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3". | | | | | | | | | | : | |
| 1 * | ** If the "Highest I | | | | | enter 3 . nest number found i | n the appropr | iate box in | column 1. | | |

The "Highest Number Previously Paid For "(Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, use the use of the use o